

4C - Oxygen

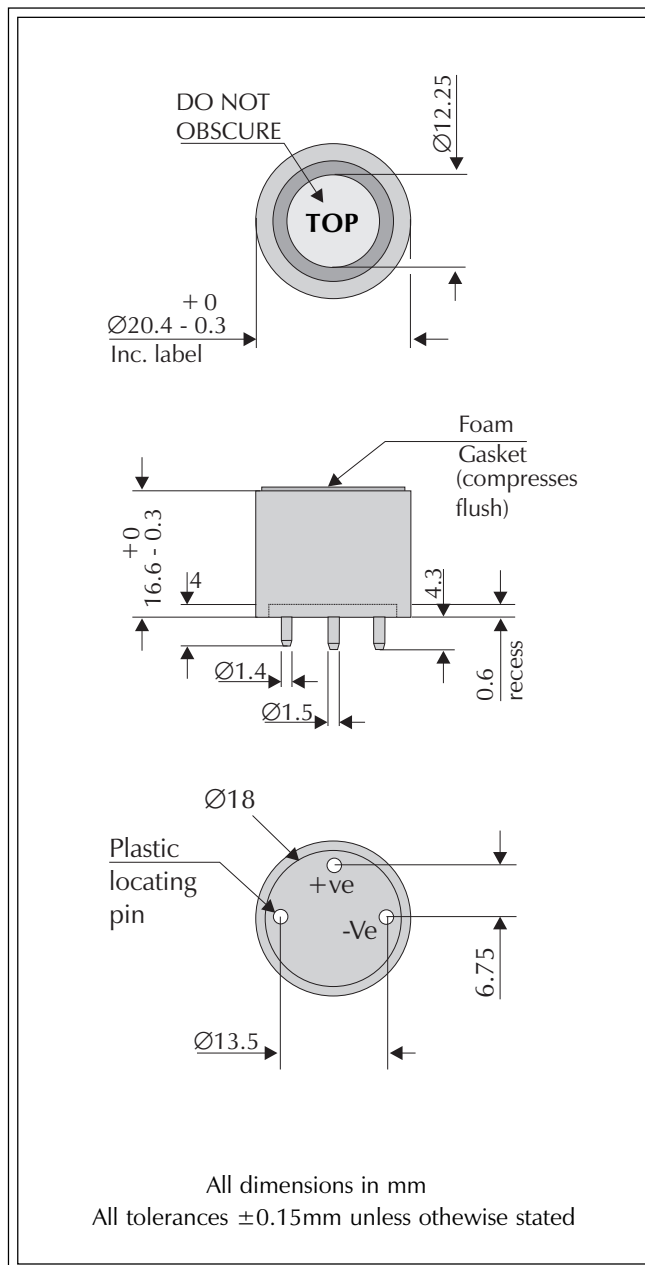
Performance Characteristics

Nominal Range	0-25% Oxygen
Max Overload	30% Oxygen
Expected Operating Life	One year in Air
Output Signal	0.225 ± 0.025mA in Air
T₉₅ Response Time	≤15 seconds
Temperature Range	-20°C to +50°C
Temperature Coefficient	0.2% signal/°C
Pressure Range	Atmospheric ± 10%
Pressure Coefficient	<0.02% signal/mBar (typ. 0.01%)
Operating Humidity	0 to 99% RH non-condensing
Long Term Output Drift	<2% signal/month (typically <5% over Operating Life)
Recommended Load Resistor	100Ω

Physical Characteristics

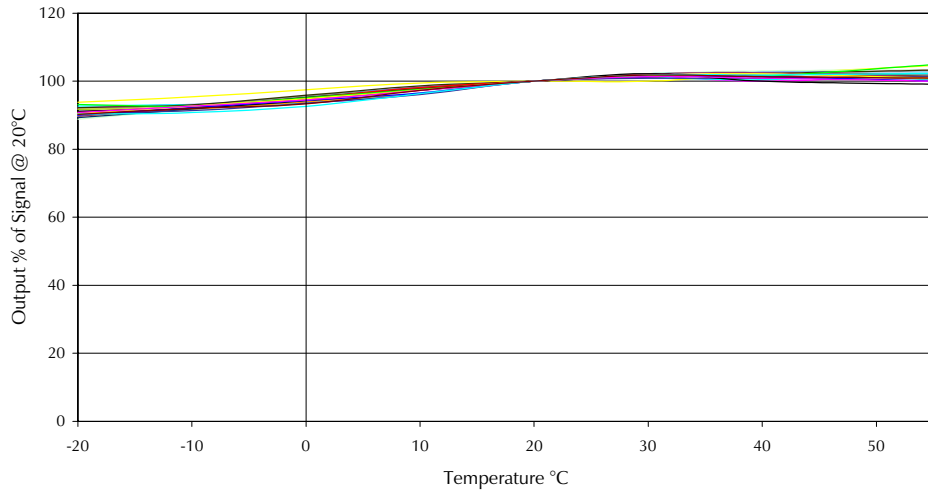
Weight	17g (approx.)
Position Sensitivity	None
Storage Life	Six months in CTL container
Recommended Storage Temperature	0-20°C

IMPORTANT NOTE: Connection should be made via PCB sockets only. Soldering to the pins will seriously damage your sensor.

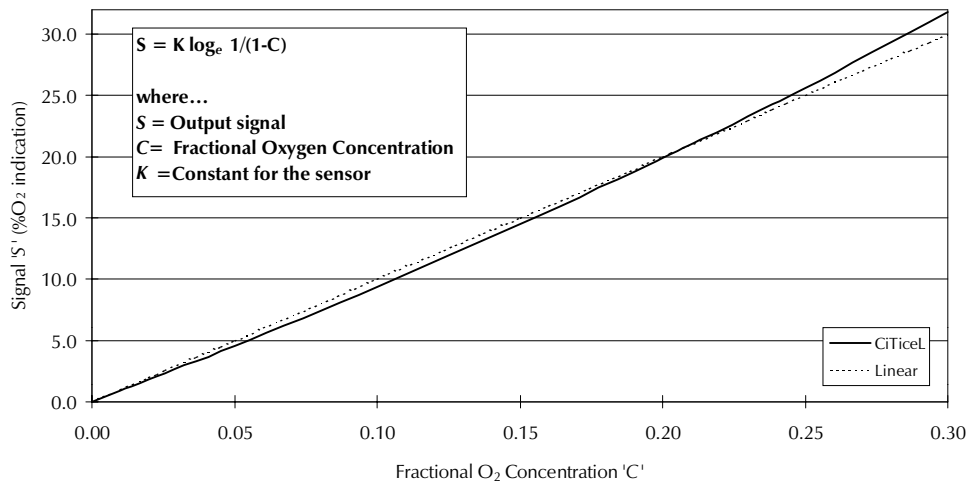




4C Oxygen CiTiceL - Output Vs Temperature



Output Signal vs Concentration



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